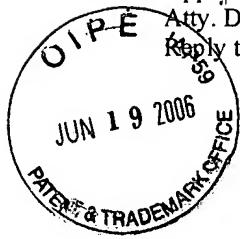


Application Serial No. 10/797,651
Atty. Docket No. 10030988-1
Reply to Office Action dated 2/22/06



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2006.

Jacob N. Erlich
Reg. No. 24,338

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Miao ZHU
Application Serial No.: 10/797,651
Filed: March 10, 2004
Title: METHOD AND APPARATUS FOR SEQUENCING POLYMERS THROUGH
TUNNELING CONDUCTANCE VARIATION DETECTION

Examiner: Brian J. SINES
Group Art Unit: 1743
Confirmation No. 4197

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P.O. Box 7599
Loveland, CO 80537-0599

To: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION UNDER 37 CFR 1.111

Sir:

In reply to the Office Action dated February 22, 2006, Applicant files the following response.

Listing of Claims begins on **page 2** of this paper.

Remarks/Arguments begin on **page 8** of this paper.